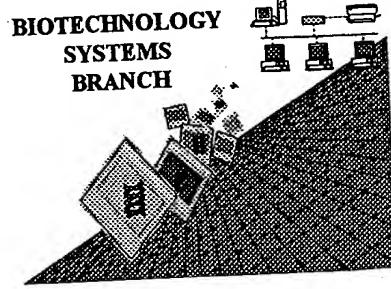


RAW SEQUENCE LISTING

ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/153,838

Art Unit / Team No.: 01/6

Date Processed by STIC: 9/28/98

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

Raw Sequence Listing Error Summary

SERIAL NUMBER: 09/153,838

ERROR DETECTED SUGGESTED CORRECTION

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 Wrapped Nucleic
 The number/text at the end of each line "wrapped" down to the next line.
 This may occur if your file was retrieved in a word processor after creating it.
 Please adjust your right margin to .3, as this will prevent "wrapping".

2 Wrapped Aminos
 The amino acid number/text at the end of each line "wrapped" down to the next line.
 This may occur if your file was retrieved in a word processor after creating it.
 Please adjust your right margin to .3, as this will prevent "wrapping".

3 Incorrect Line Length
 The rules require that a line not exceed 72 characters in length. This includes spaces.
 All text must be visible on page.

4 Misaligned Amino Acid Numbering
 The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and uses spacing between the numbers.

5 Non-ASCII
 This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
 Please ensure your subsequent submission is saved in ASCII text so that it can be processed.

6 Variable Length
 Sequence(s) contain n's or Xaa's which represented more than one residue.
 As per the rules, each n or Xaa can only represent a single residue.
 Please present the maximum number of each residue having variable length and indicate in the (ix) features section that some may be missing.

7 Wrong Designation
 Sequence(s) contain amino acid or nucleic acid designators which are not standard representations as per the Sequence Rules (Please refer to paragraph 1.822)

8 Skipped Sequences (OLD RULES)
 Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X:
 (I) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
 (xI) SEQUENCE DESCRIPTION:SEQ ID NO:X:
 This sequence is Intentionally skipped
 Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).

9 Skipped Sequences (NEW RULES)
 Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
 000

10 Use of N's or Xaa's (NEW RULES)
 Use of N's and/or Xaa's have been detected in the Sequence Listing.
 Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

11 Use of <213>Organism (NEW RULES)
 Sequence(s) are missing this mandatory field or its response.
 1-8, 10-13

12 Use of <220>Feature (NEW RULES)
 Sequence(s) are missing the <220>Feature and associated headings.
 Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)
(Sec. 1.823 of new Sequence Rules)

13 Wrong Format
 File submitted was in the alphabetical heading format of the Old Sequence Rules. This is invalid since the "Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Disclosures" Federal Register Notice, Vol. 63, No. 104, June 1, 1998, p. 29620 applies to applications filed on or after July 1, 1998.
 AKS-Biotechnology Systems Branch- 7/10/98

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/153,838DATE: 09/28/98
TIME: 16:47:01

Input Set: I153838.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Wils, Pierre
 2 Ollivier, Monique
 3 <120> TITLE OF INVENTION: PURIFICATION OF PHARMACEUTICAL-GRADE PLASMID DNA
 4 <130> FILE REFERENCE: ST96016-US
 5 <140> CURRENT APPLICATION NUMBER: US/09/153,838
 6 <141> CURRENT FILING DATE: 1998-09-15
 7 <150> EARLIER APPLICATION NUMBER: PCT/FR97/00472
 8 <151> EARLIER FILING DATE: 1997-03-17
 9 <150> EARLIER APPLICATION NUMBER: FR96/03519
 10 <151> EARLIER FILING DATE: 1996-03-21
 11 <160> NUMBER OF SEQ ID NOS: 15
 12 <170> SOFTWARE: PatentIn Ver. 2.0
 13 <210> SEQ ID NO 1
 14 <211> LENGTH: 25
 15 <212> TYPE: DNA
 16 <213> ORGANISM: Unknown *see item 12 on Exam Summary Sheet*
 17 <400> SEQUENCE: 1 25
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 19 <210> SEQ ID NO 2
 20 <211> LENGTH: 21
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Unknown
 23 <400> SEQUENCE: 2 21
 24 cttcttcttc ttcttcttc t
 25 <210> SEQ ID NO 3
 26 <211> LENGTH: 56
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Unknown
 29 <400> SEQUENCE: 3 56
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 31 <210> SEQ ID NO 4
 32 <211> LENGTH: 56
 33 <212> TYPE: DNA
 34 <213> ORGANISM: Unknown
 35 <220> FEATURE:
 36 <400> SEQUENCE: 4 56
 37 agctggagct cgcggccgct ctagaggatc cgaattcgat atcctgcagc tcgaga
 38 <210> SEQ ID NO 5
 39 <211> LENGTH: 58
 40 <212> TYPE: DNA
 41 <213> ORGANISM: Unknown
 42 <220> FEATURE:
 43 <400> SEQUENCE: 5 58
 44 gatccgaaga agaagaagaa gaagaagaag aagaagaagaa agaagaagg

*Does Not Comply
Corrected Diskette Needed*
new format

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/153,838DATE: 09/28/98
TIME: 16:47:01

Input Set: I153838.RAW

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52 <210> SEQ ID NO 7
53 <211> LENGTH: 27
54 <212> TYPE: DNA
55 <213> ORGANISM: Unknown
56 <220> FEATURE:
57 <400> SEQUENCE: 7
58 ccgaattctg gggaccaaag cagtttc 27
59 <210> SEQ ID NO 8
60 <211> LENGTH: 27
61 <212> TYPE: DNA
62 <213> ORGANISM: Unknown
63 <220> FEATURE:
64 <400> SEQUENCE: 8
65 ccaagcttca ctgttacgca cgggtgt 27
66 <210> SEQ ID NO 9
67 <211> LENGTH: 19
68 <212> TYPE: DNA
69 <213> ORGANISM: Escherichia coli
70 <220> FEATURE:
71 <400> SEQUENCE: 9
72 aaggagggaa ggagagggaa 19
73 <210> SEQ ID NO 10
74 <211> LENGTH: 19
75 <212> TYPE: DNA
76 <213> ORGANISM: Unknown
77 <220> FEATURE:
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79 aaggagggaa gggagggaa 19
80 <210> SEQ ID NO 11
81 <211> LENGTH: 19
82 <212> TYPE: DNA
83 <213> ORGANISM: Unknown
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89 <212> TYPE: DNA
90 <213> ORGANISM: Unknown
91 <220> FEATURE:
92 <400> SEQUENCE: 12
93 cttccccgaag ggagaaagg 19
94 <210> SEQ ID NO 13

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/153,838DATE: 09/28/98
TIME: 16:47:01

Input Set: I153838.RAW

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98 <220> FEATURE:
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103 <212> TYPE: DNA
104 <213> ORGANISM: Escherichia coli
105 <220> FEATURE:
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108 <210> SEQ ID NO 15
109 <211> LENGTH: 17
110 <212> TYPE: DNA
111 <213> ORGANISM: Escherichia coli
112 <220> FEATURE:
113 <400> SEQUENCE: 15 17
114 aaaaaaggaa ataaggg

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VERIFICATION SUMMARY
PATENT APPLICATION US/09/153,838

DATE: 09/28/98
TIME: 16:47:01

Input Set: I153838.RAW

Line ? Error/Warning

Original Text